Amendments to the Specification

Please change the Title to:

METHOD FOR RESOURCE RESERVATION

Please replace paragraph 22 on page 7, with the following rewritten paragraph:

[0022] Although implementations of the invention are applicable to any type of resource, examples herein will refer to TCBs, but this reference is for ease of understanding the invention and is not meant to limit implementations to TCBs. To avoid deadlock situations that may occur when the local cluster calls to an opposite cluster and the opposite cluster calls back to the local cluster, pre-allocated reserved TCBs that are reserved for such calls between clusters are allocated to processes. In certain implementations, during a super process execution, the current reserved TCBs depth level of the inter cluster call is determined, and TCBs reserved for this depth level are allocated. A "super" process may be described as a process in one cluster that requires sub-processes obtaining resources on other clusters to accomplish its processing, but which [[is]] itself is not a sub-process.

Please replace paragraph 34 on page 10, with the following rewritten paragraph:

[0034] FIGs. 6A and 6B illustrates logic for completion of TCB processing in accordance with certain implementations. Control begins at block 600 with a resource manager 118a, 118b determining whether a TCB that has been returned by any process is from a reserved pool. If so, processing continues to block 602, otherwise, processing continues to block 612. In block 602, the resource manager 118a, 118b that determined that the [[TCT]] TCB has been returned returns the TCB to the proper reserved pool. For example, the resource manager 118a, 118b may use the control structures to identify which reserved pool that TCB belongs to. In block 604, the resource manager 118a, 118b determines whether all TCBs have been returned to this reserved pool. If so, processing continues to block 606, otherwise, this processing ends. In block 606, the resource manager 118a, 118b frees the reserved pool so that it may be allocated to another process. In block 608, the resource manager 118a, 118b determines whether at least one request is stored in the data structure waiting for allocation of a reserved pool. If so, processing continues to block 610, otherwise, this processing ends. In block 610, the resource manager 118a, 118b allocates the freed reserved pool to the first stored request.